



# application worksheet **N<sup>2</sup>**

for nano N<sup>2</sup> gas generators

By completing the following information, nano can properly evaluate the specifics of your gas generation application and help determine the best possible solution. Complete and email to [support@n-psi.com](mailto:support@n-psi.com) or fax to 704.897.2183.

## contact information

name phone  
 company email  
 address  
 city state zip

## application parameters

describe the application  
 i use nitrogen because it is clean & dry an insert gas other  
 nitrogen purity requirement % min i don't know  
 allowable oxygen content % max i don't know  
 installation type indoor - skid mounted system outdoor - enclosed system

## application parameters

current delivered cost nitrogen per idon't know  
 current nitrogen supply cylinders number of cylinders used per week  
liquid dewars number of dewars used per week  
bulk storage deliveries per month late deliveries per year  
gas generator flow rate scfm nitrogen purity %  
 company requirement for payback on capital purchases months i don't know  
 preferred expenditure capital (purchase) operating (lease) i don't know

## sizing parameters

required flow & pressure scfh m<sup>3</sup>/min psig barg  
 hours of usage per day  
 type of usage continuous intermittent  
 is compressed air available yes (clean & dry) yes (untreated) no  
if yes: scfm psig °F PDP

## other considerations

are there any space restrictions or other installation limitations to consider?  
 what other issues or concerns do you have with your current nitrogen supply that you would like to eliminate? any other considerations?

## for laser cutting applications only

items being cut by laser are "finished goods" quality subject to further processing (ie painting)  
 materials being cut is stainless steel carbon steel aluminum other (describe below)  
 production profile high volume of a single product multiple smaller volume products  
 required booster pressure psig barg i don't know